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ABSTRACT

The front matter of the annual report of career education developments in Arizona's elementary and secondary schools consists of a synopsis of Arizona career education activities with bar and pie charts depicting various aspects of the overall career education effort in the State's public schools. The report's first section analyzes the following aspects of career education relating to State legislation: increasing high school career enrollment, making career testing and counseling available, disseminating educational materials related to the world of work, retraining teachers and counselors, providing teachers and curriculum for the world of work, providing coordinators for work experience programs, and coordinating apprenticeship training. Three short sections describe the Arizona Career Education Clearinghouse, the public information report, and highlights of evaluation accomplishments. A statistical summary of career education activity, presented in table form, covers the following topics: involvement of schools, parents, and apprenticeship representatives; involvement of professional staff; development and purchase of career education materials; career testing; student involvement; career observation tours; career speakers; work education students and citizens advisory committees; public information; and Arizona University Projects data. A map of the State plots career education projects in FY 1975. (JR)

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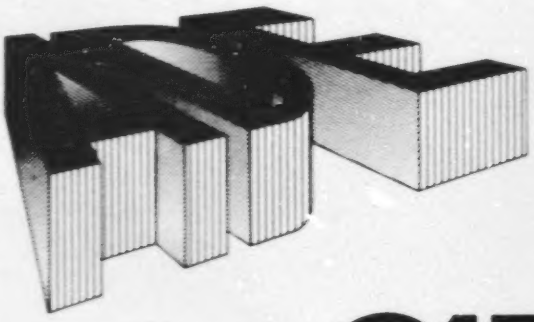

the 3R's- plus CAREER EDUCATION

CAREER EDUCATION

ANNUAL REPORT FY 75

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
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CAROLYN WARNER, SUPERINTENDENT
ARIZONA DEPARTMENT OF EDUCATION

OCTOBER 1975

CE006238

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NARRATIVE SYNOPSIS OF CAREER EDUCATION ANNUAL REPORT FOR FY '75

Data submitted by the 20 state-funded career education projects indicates that 1975 was a very positive year for career education in Arizona. Upward trends in several areas were maintained from previous years, and in some cases the rate of increase was quite pronounced. In summarizing career education in Arizona last year, the key word is "involvement."

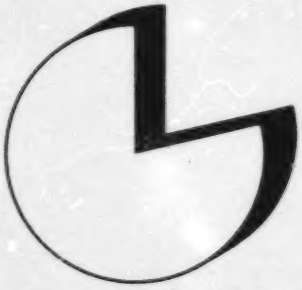
STUDENTS: Despite the fact that enrollment in elementary schools served by career education projects actually declined last year by 2.9 percent, the number of elementary students repeatedly involved in career education activities increased by 13.5 percent. High school students repeatedly involved in career education activities increased a whopping 47.5 percent over the previous year. And total high school career preparation enrollment was up to 90,258 –an increase of 18.4 percent over 1974.

PROFESSIONAL STAFF: Out of the 22,659 professional staff members in schools served by career education projects, 17,118 were actively involved with career education activities last year–an involvement percentage of 75.5 percent. Retraining activities for professional staff continued at an expanding rate. Nearly 4,000 high school teachers were involved in retraining activities last year–an increase of 45.5 percent over 1974. And 769 administrators participated in retraining activities last year–up 29 percent from 1974.

PARENTS: Despite the fact that more and more parents were involved in gainful employment (and thus less available for school activities), the number of parents actively participating in career education activities increased from 13,205 in 1974 to 16,406 in 1975–an increase of 24.2 percent.

COMMUNITY: The increased involvement of local communities in career education activities was very evident in FY '75. After a slight decline in career observation tours in 1974 due to the gasoline shortage, tours were up 24.1 percent last year–this involved 139,129 students on 4,119 separate tours. Community commitment to career education was further evidenced by the fact that 5,638 guest speakers visited classrooms and addressed some 311,518 students. The entire range of career fields was well represented by the speakers and the tours. And statewide, there was a total of 257 individuals serving on local career education advisory councils.

SCHOOLS SERVED BY PROJECTS FY 1975



78.7% of the Elementary Schools in the Project Areas

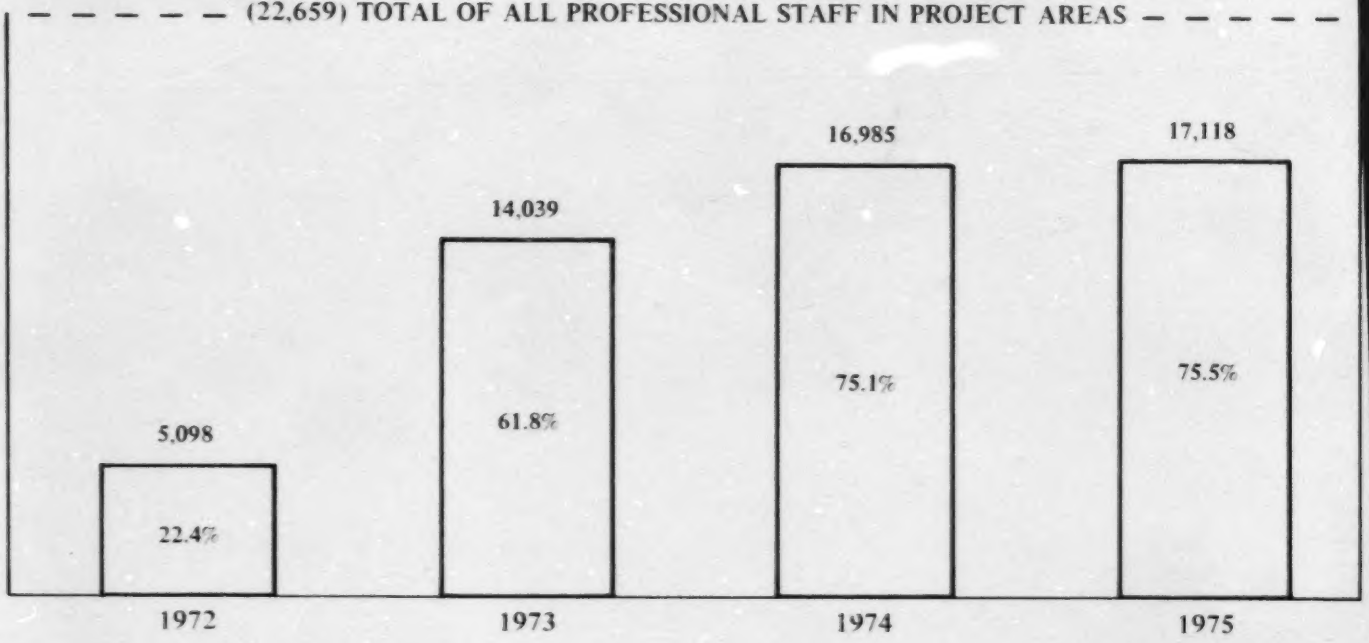
98.5% of the High Schools in the Project Areas

Projects aided 546 elementary schools and 129 high schools in implementing career education in their schools.

Certain reporting categories registered a decline in FY '75–and for good reasons. It was recognized that special career testing is an activity that does not need to be repeated with the same students every year. Therefore, the percentage of career testing (over and above the regular testing carried on by school districts) declined 16.5 percent in 1975 over 1974. It is also recognized that the development and acquisition of materials logically reaches a leveling off phase after an initial flurry of activity. Many of the materials developed and purchased in 1972, '73 and '74 were still being utilized in '75. In 1975 the number of teachers involved with career education materials development dropped 40 percent, and purchases of materials relating to the world of work were down by 30 percent (although the cumulative total of available materials naturally increased). This clearly indicates that teachers are using the materials on hand more and more, and are finding it decreasingly necessary to develop and/or purchase additional items.

With the combined involvement of parents and community working actively with teachers and students, career education has truly evolved into a team effort. This report is a brief synopsis of the Career Education Annual Report for FY '75. The full report is available at the Arizona Department of Education, Division of Career and Vocational Education, 1535 West Jefferson Street, Phoenix, Arizona 85007. Phone 271-5343.

TEACHER INVOLVEMENT IN CAREER EDUCATION PROJECT ACTIVITIES

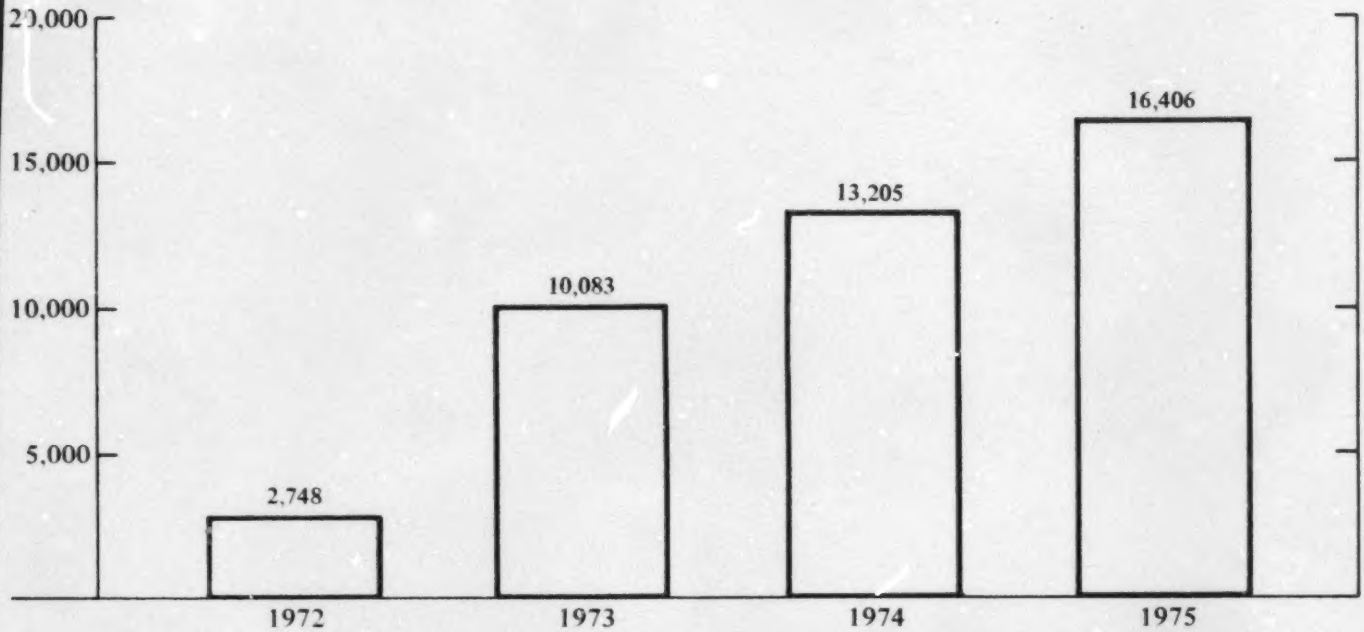


Of the 22,659 professional staff in the project area, 17,118 (75.5 percent) were actually involved in project activities during FY 1975.

FY75 PROJECTS

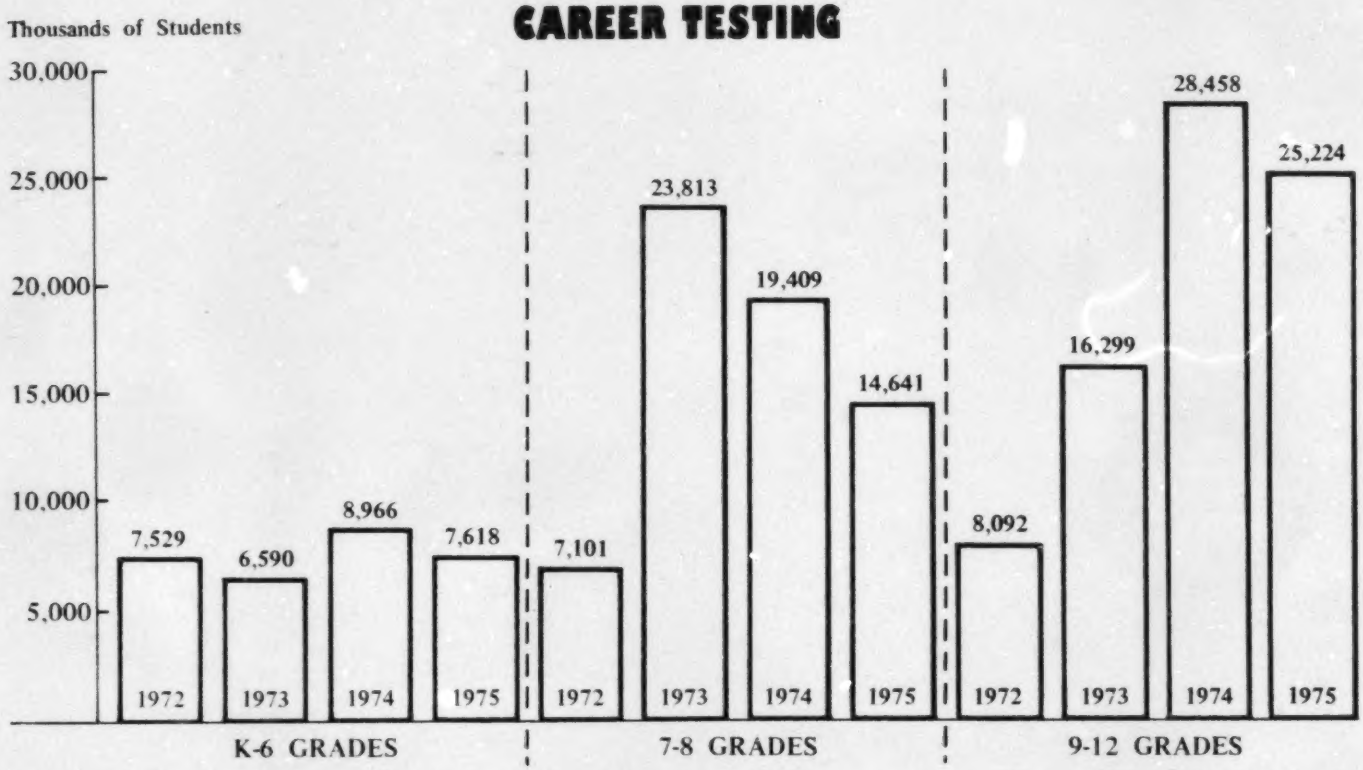
1. Agua Fria – Operation Guidance
2. Apache/Navajo Career Education
3. Career Bound (Scottsdale, Cave Creek, Paradise Valley)
4. Central Maricopa (P.U.H.S. District and feeder elementary districts)
5. Cochise County
6. Coconino County
7. Demonstration in Career Education (Tempe, Chandler, Gilbert, and Apache Junction)
8. Mesa Public Schools
9. Mohave County
10. Pima County
11. Pinal County
12. Roosevelt Elementary District
13. Santa Cruz County
14. Tri-County (Gila, Graham, Greenlee)
15. Westside Area Career Occupations Project (western Maricopa County)
16. Yavapai County
17. Yuma County
18. Arizona State University
19. Northern Arizona University
20. University of Arizona

PARENTAL INVOLVEMENT IN CAREER EDUCATION PROJECT ACTIVITIES



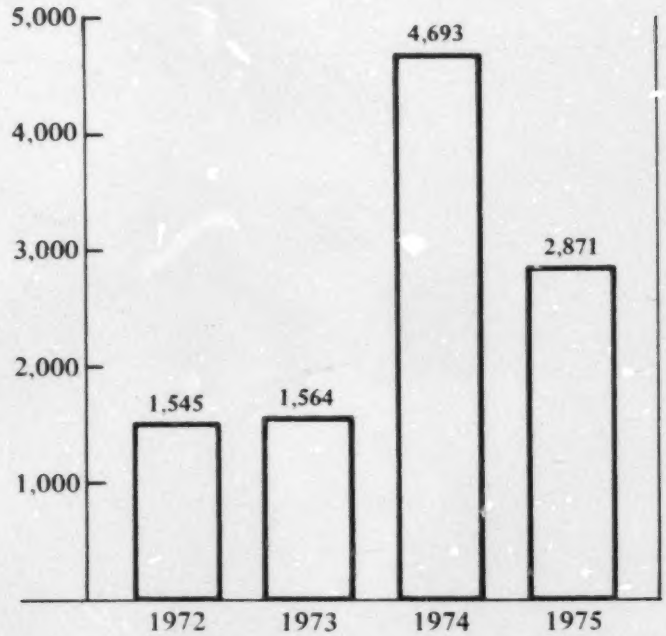
During the year, more than 16,000 parents contributed time, talent, and materials by serving as tour chaperons, craft volunteers, resource persons and advisors, aides and mini-course instructors, and as career fair planners and helpers.

CAREER TESTING

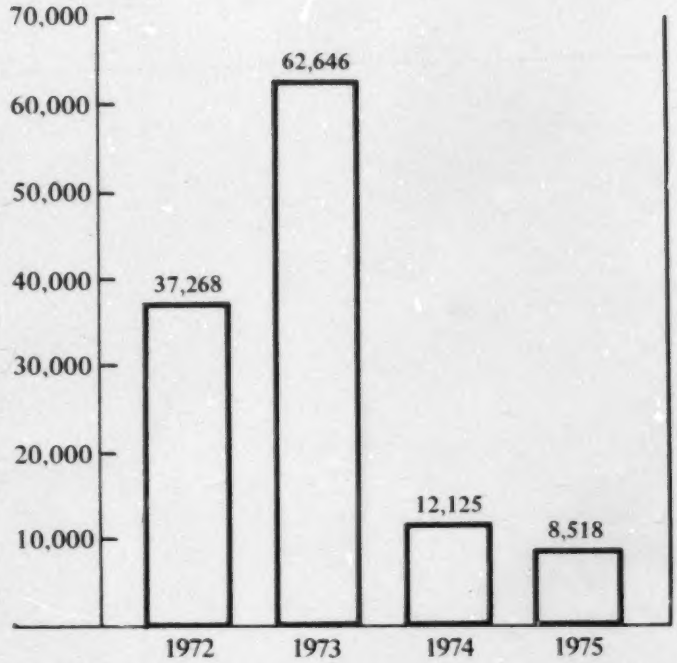


Project sponsored career testing over and above that which the schools normally provide showed a trend toward leveling off and declining as initial needs began to be caught up with.

DEVELOPMENT OF MATERIALS BY TEACHERS

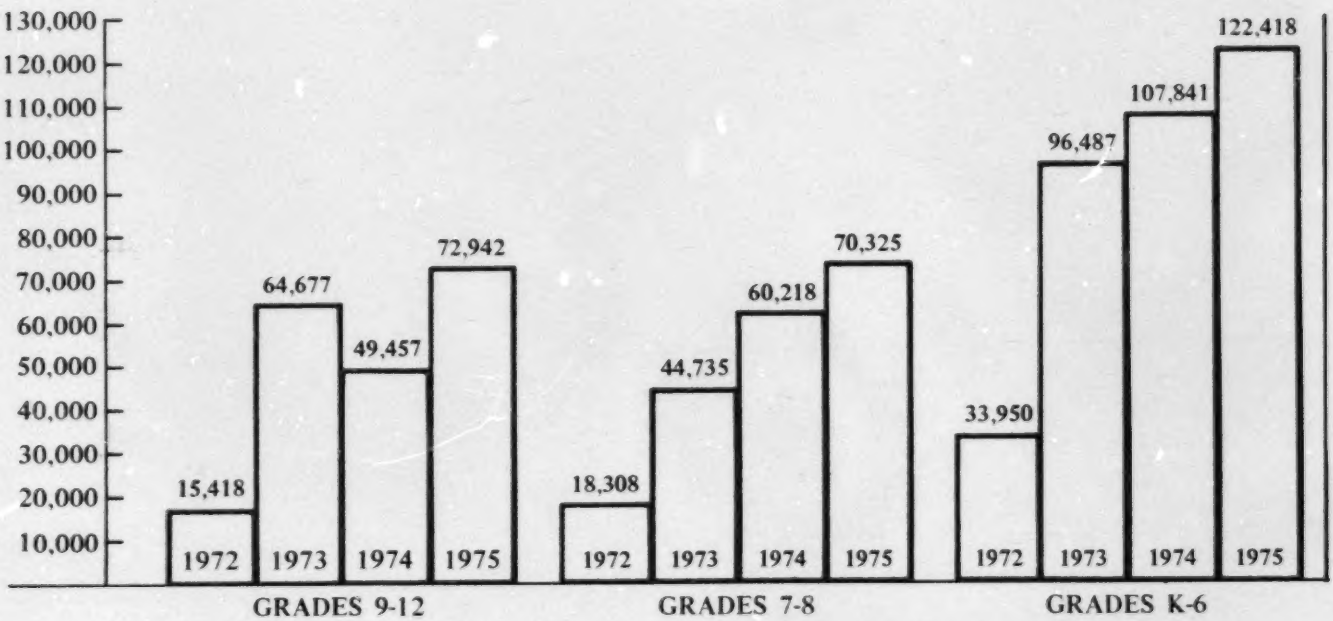


PURCHASE OF MATERIALS BY PROJECTS



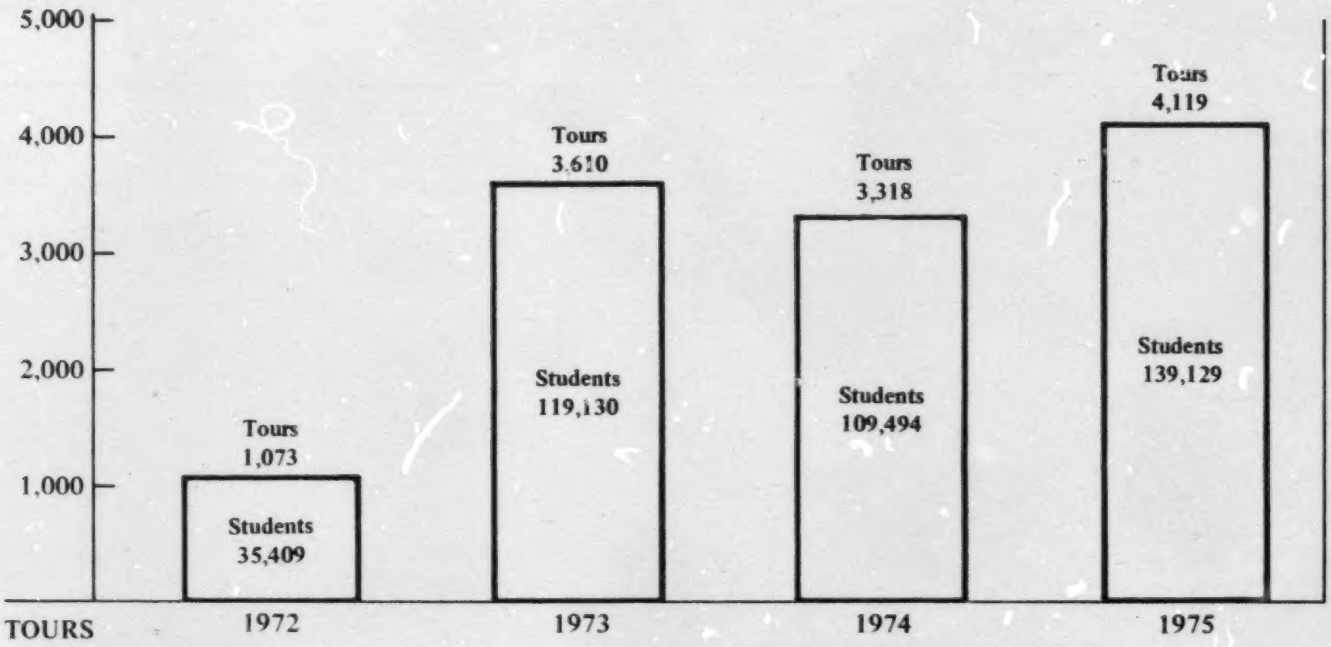
Not all progress is indicated by upward trends. For example, the development and purchase of new career education materials shows a decline as projects accumulate materials acquired in previous years, thus lessening the need for new items.

STUDENT INVOLVEMENT IN CAREER EDUCATION PROJECT ACTIVITIES



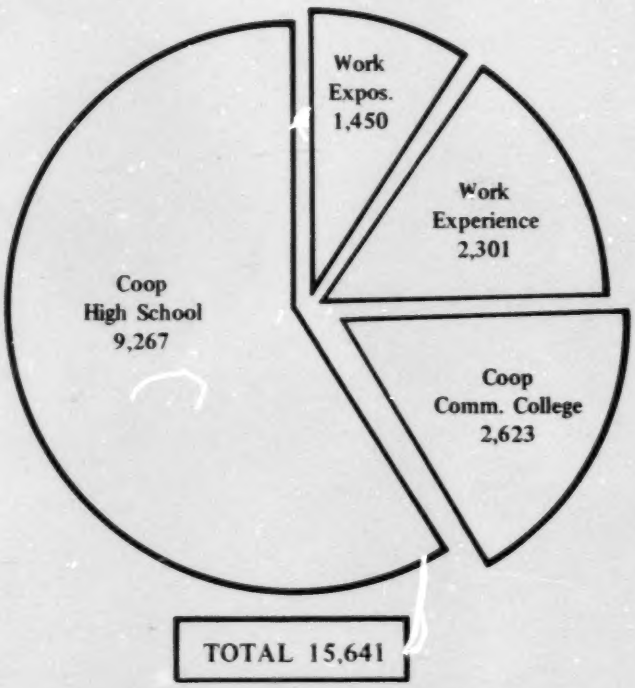
In fiscal years 1974 and 1975, a new criteria for student "involvement" was adopted for reporting purposes requiring that the students participate in FOUR OR MORE career education activities. Prior to 1974, no minimum number of activities had been specified.

CAREER OBSERVATION TOURS FY 1972 - 75



The effects of the critical fuel shortage of 1974 is evident above. However, Business, Industry, and Labor have opened their doors to help schools provide students with an orientation to the World of Work.

FY 75 WORK EDUCATION PROGRAM ENROLLMENT



THREE PHASES OF WORK EDUCATION

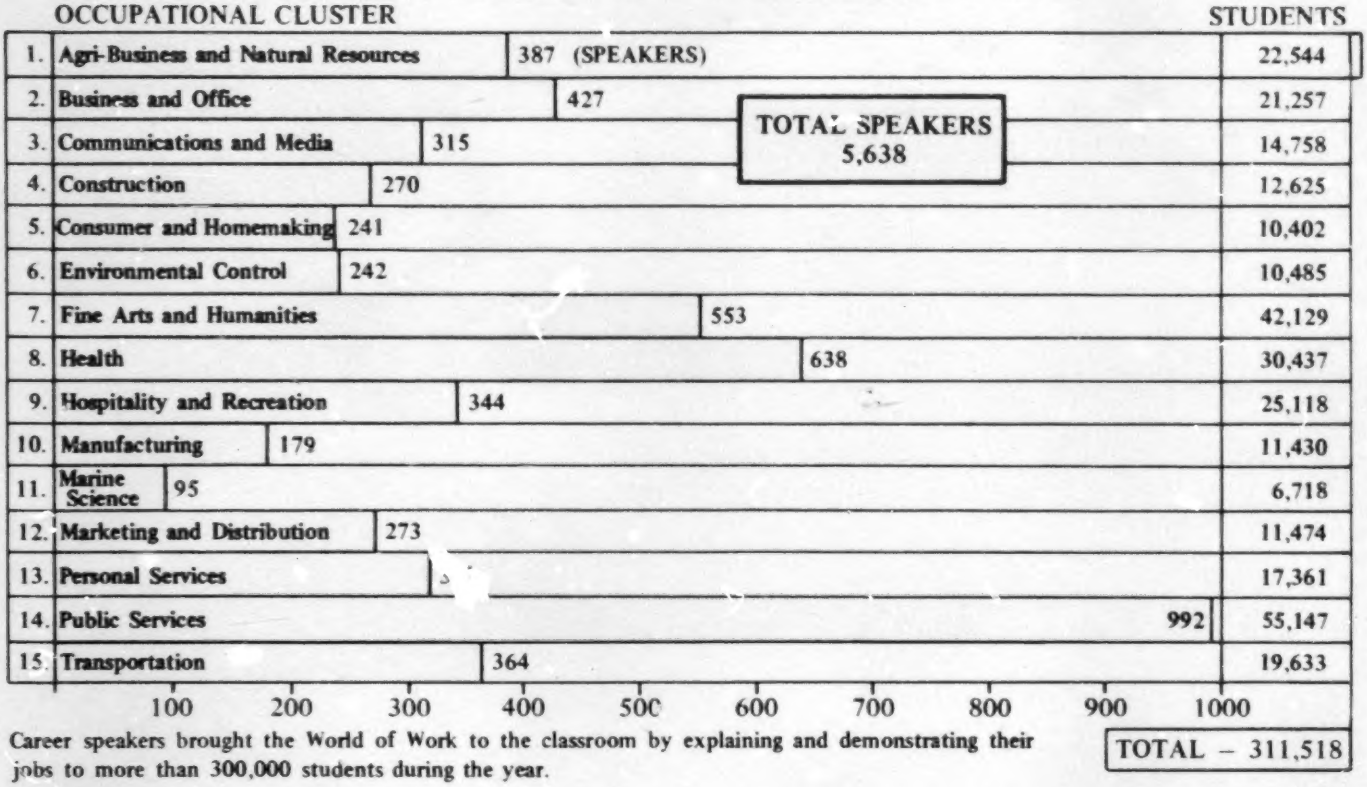
WORK EXPOSURE is a limited involvement program which provides for organized observation of career settings. This can involve visual observation, verbal discussion, and/or limited task performance.

WORK EXPERIENCE provides an opportunity to perform bona fide tasks at an actual job site. The school assists in the placement and supervision of the student on the job.

COOPERATIVE EDUCATION is the most sophisticated category of work education. It very carefully blends on-the-job training with a related formal class plus coordinated follow-up involving the home, school, and employer. Students in grades 12-14 attend regular classes for half a day and work the other half. The students are paid for the work performed and receive class credit for the time spent on the job. The job must be in a field related to the student's career interests. Another aspect of *cooperative education* is that each student must attend one class specifically related to the part-time job.

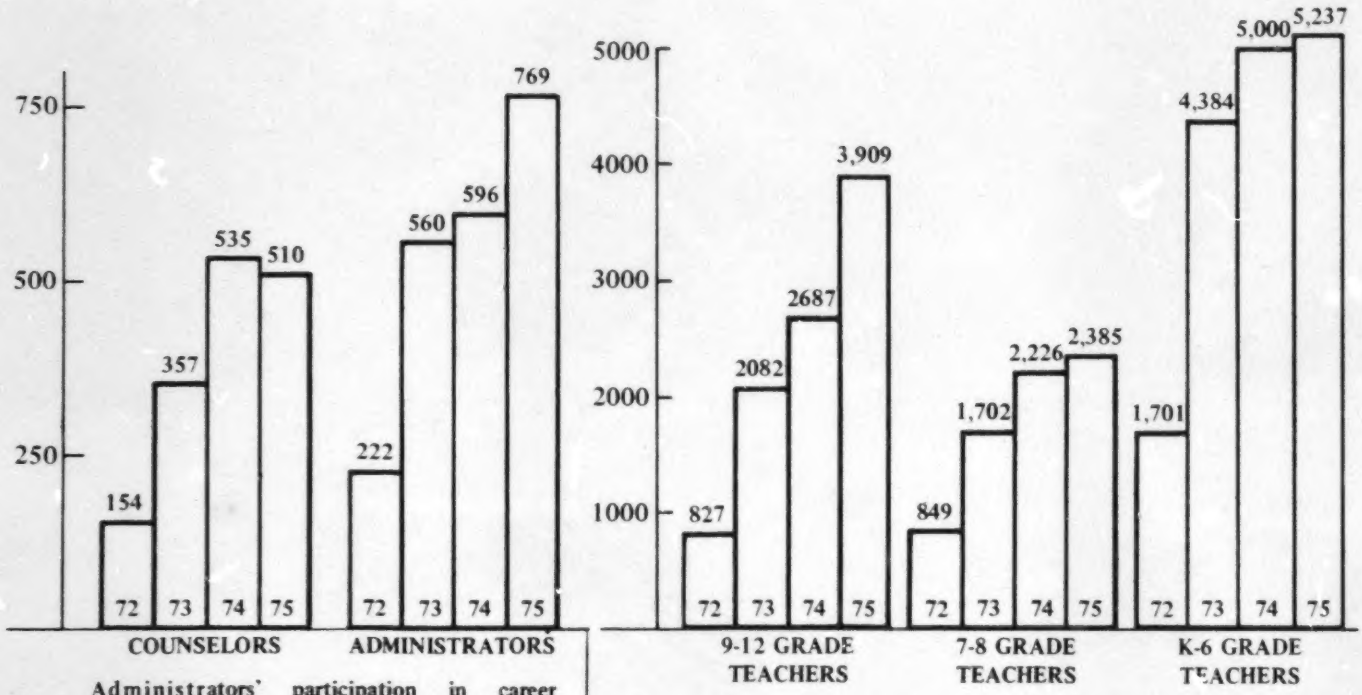
The distribution of Work Education enrollment is graphically illustrated above. Total Work Education enrollment for FY '75 (15,641) is 33.1 percent above that of the previous year (11,750).

CAREER SPEAKERS BY CLUSTER FY 1975


OCCUPATIONAL CLUSTER
STUDENTS
1. Agri-Business and Natural Resources 387 (SPEAKERS) 22,544
2. Business and Office 427 21,257
3. Communications and Media 315 14,758
4. Construction 270 12,625
5. Consumer and Homemaking 241 10,402
6. Environmental Control 242 10,485
7. Fine Arts and Humanities 553 42,129
8. Health 638 30,437
9. Hospitality and Recreation 344 25,118
10. Manufacturing 179 11,430
11. Marine Science 95 6,718
12. Marketing and Distribution 273 11,474
13. Personal Services 17,361
14. Public Services 992 55,147
15. Transportation 364 19,633
TOTAL SPEAKERS 5,638
100 200 300 400 500 600 700 800 900 1000
TOTAL – 311,518

Career speakers brought the World of Work to the classroom by explaining and demonstrating their jobs to more than 300,000 students during the year.

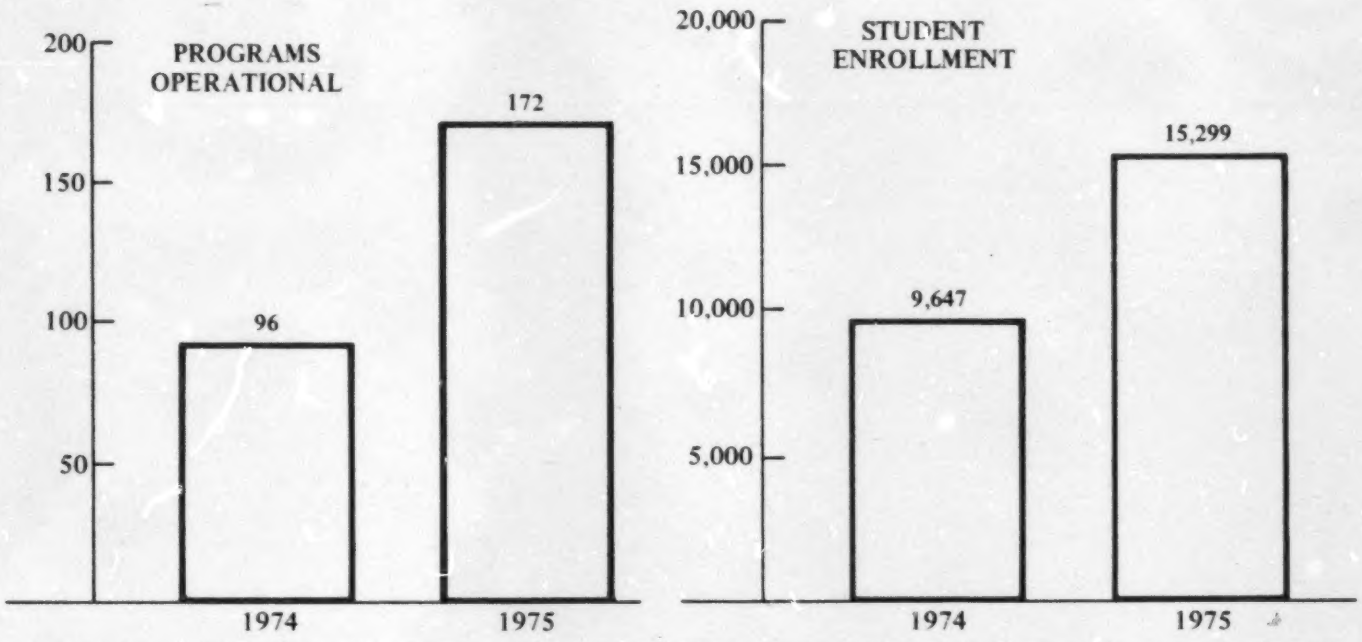
RETRAINING OF TEACHERS, COUNSELORS & ADMINISTRATORS FY 1975



Administrators' participation in career education retraining increased 45 percent over last year.

The continually growing interest and participation of teachers in career education workshops, seminars, and courses is clearly evident since 1972.

FY 75 CAREER EXPLORATION PROGRAM ENROLLMENT



Seventy-six new Career Exploration programs were begun in 1975 bringing the total number of operational programs in the state to 172 with more than 15,000 students enrolled.

CAREER OBSERVATION TOURS BY CLUSTER FY 1975

	OCCUPATIONAL CLUSTER		STUDENTS
1.	Agri-Business and Natural Resources	522 (TOURS)	18,836
2.	Business and Office	292	8,573
3.	Communications and Media	256	7,056
4.	Construction	165	5,362
5.	Consumer and Homemaking	214	5,762
6.	Environmental Control	201	7,190
7.	Fine Arts and Humanities	458	19,109
8.	Health	242	6,493
9.	Hospitality and Recreation	259	8,337
10.	Manufacturing	200	6,179
11.	Marine Science	38	1,510
12.	Marketing and Distribution	268	8,848
13.	Personal Services	184	4,563
14.	Public Services	585	21,258
15.	Transportation	235	10,053

TOTAL TOURS 4119

100 200 300 400 500

TOTAL – 139,129

On-site observation of people at work in a wider range of occupations provided students with a greater understanding of the career options available to them.

FY 1975 CAREER EDUCATION ACTIVITIES RELATING TO

SENATE BILL 5 [ARS 15-1199]: ARTICLE 9. CAREER EDUCATION PROGRAM

1. INCREASING HIGH SCHOOL CAREER EDUCATION ENROLLMENT

Sixteen of the 17 school-based career education projects funded during FY 1975 impacted upon high school programs. The number of high school students participating in career education activities is shown below:

	1972	1973	1974	1975	74-75 Variance
Total Number of Secondary Schools in Career Education Project Areas	112	131	131	131	0.0%
Total Number of Secondary Schools in Career Education Project Areas Actually Served	80	124	126	129	+ 2.4%
Total Number of High School Students Participating in Career Education Activities in the Classroom	15,418	64,677	*49,457	72,942	+47.5%

Presented below is a comparison of enrollment information on average daily membership in all Arizona high schools to student enrollment in high school programs aimed at career preparation.

STATE ENROLLMENT	1972	1973	1974	1975	74-75 Variance
Total in all Arizona High Schools	144,870	150,304	156,827	160,395	+ 2.3%
Total High School Career Preparation Enrollment *Including* Consumer and Homemaking	51,117	61,888	76,228	90,258	+18.4%
Total High School Career Preparation Enrollment *Excluding* Consumer and Homemaking	29,697	33,872	45,426	53,343	+17.4%

*In fiscal years 1974 and 1975, a new criteria for student "involvement" was adopted requiring FOUR OR MORE career education activities. Prior to 1974, a minimum of one career education activity was specified.

2. MAKING CAREER TESTING AND COUNSELING AVAILABLE TO ALL STUDENTS K-12

Career testing OVER and ABOVE what local schools were already doing was made available to common and high school pupils as shown below:

	1972	1973	1974	1975	74-75 Variance
Number of K-6 Grade Students Provided with Career Testing	7,529	6,590	8,960	7,618	−15.1%
Number of 7-8 Grade Students Provided with Career Testing	7,101	23,813	19,409	14,641	−24.6%
Number of 9-12 Grade Students Provided with Career Testing	8,092	16,299	28,458	25,224	−11.4%
TOTAL of K-12 Grade Students Provided with Career Testing	22,722	46,702	56,833	47,483	−16.5%

A leveling off of project-sponsored career testing is apparent in the data shown above. This phenomenon may be attributed to several factors: (1) increased career testing at the local level using other than state career education funds; (2) declining need for career testing in some areas; and (3) increased opportunities for hands-on projects, career exploration programs, and other activities which enable students to assess their interests and aptitudes in relation to the World of Work.

It should be noted that career testing on an annual basis is neither necessary nor desirable. The career testing referred to was provided IN ADDITION to that which the local districts usually provide. Guidance and counseling normally follows the testing program to help students to interpret the results in terms of the students' interests and aptitudes in relation to careers.

3. OBTAINING, PREPARING, AND MAINTAINING READING MATERIALS, FILMS, TAPES, AND OTHER EQUIPMENT FOR THE PURPOSE OF GIVING EACH CHILD AN ORIENTATION TO THE WORLD OF WORK

Numerous career education materials were developed and purchased by school-based projects. Some of the career education material was developed for use with special education students and bilingual students. Teacher involvement in developing new materials relating to career education has shown a natural leveling off as they move from the developmental phase to greater emphasis upon implementation.

	1972	1973	1974	1975	74-75 Variance
K-6 Teachers Involved in Materials Development	725	763	2,216	1,575	−29.0%
7-8 Teachers Involved in Materials Development	555	409	1,246	554	−55.6%
9-12 Teachers Involved in Materials Development	265	392	1,231	742	−39.5%

The Arizona Career Education Clearinghouse served as a liaison for the ADE in the field testing and implementation of state developed instructional units. Field testing was completed on 11 instructional units incorporating career education concepts in nine career education projects involving 152 teachers and 4,900 students.

Thirteen previously field-tested instructional units were satisfactorily implemented in 10 career education projects by 331 teachers with approximately 1,000 students.

In addition to developing career-related materials, many commercially-produced World of Work items were purchased. Greater selectivity and growing project resources combined to reduce purchases of new materials during FY 1975.

	1972	1973	1974	1975	74-75 Variance
Number of Items Purchased Relating to the World of Work	37,268	62,646	12,125	8,518	−30.7%

COMMUNITY INVOLVEMENT

Career education projects reported significant increases in the participation of parents, business, industry, and labor. For example, there were 213 apprenticeship-labor/management representatives involved in project activities during FY 1975, an 80.5 percent increase over the previous year. Parents also have demonstrated increasing interest and participation in career education over the past four years, as shown below.

	1972	1973	1974	1975	74-75 Variance
Number of Parents Involved in Career Education Project Activities	2,748	10,083	13,205	16,406	+24.2%

Business, industry, and labor have contributed immensely to the schools' efforts to provide students with an orientation to the World of Work. Opportunities to meet and observe people at work in a wide range of occupations through career observation tours and classroom speaker/demonstrators have been provided. The Arizona Business Industry Education Council has provided superior cooperation and support to assist in these activities. The frequency of tours and speakers and the numbers of students participating are itemized by occupational cluster below:

Occupational Cluster	CAREER OBSERVATION TOURS		CAREER SPEAKER/DEMONSTRATORS	
	Tours	Students	Speakers	Students
1. Agri-Business and Natural Resources	522	18,836	387	22,544
2. Business and Office Occupations	292	8,573	427	21,257
3. Communications and Media	256	7,056	315	14,758
4. Construction Occupations	165	5,362	270	12,625
5. Consumer and Homemaking	214	5,762	241	10,402
6. Environmental Control	201	7,190	242	10,485
7. Fine Arts and Humanities	458	19,109	553	42,129
8. Health Occupations	242	6,493	638	30,437
9. Hospitality and Recreation	259	8,337	344	25,118
10. Manufacturing Occupations	200	6,179	179	11,430
11. Marine Science Occupations	38	1,510	95	6,718
12. Marketing and Distribution	268	8,848	273	11,474
13. Personal Services	184	4,563	318	17,361
14. Public Services Occupations	585	21,258	992	55,147
15. Transportation Occupations	235	10,053	364	19,633
TOTALS	4,119	139,129	5,638	311,518

4. RETRAINING OF TEACHERS AND COUNSELORS FOR THE CAREER ORIENTATION OF PUPILS TO THE WORLD OF WORK

Professional staff continued to need retraining regarding career education. The purpose of retraining is to enhance the effectiveness of teacher counselor and administrator in implementing career education.

	1972	1973	1974	1975	74-75 Variance
Counselors Involved in Retraining Activities	154	357	535	510	– 4.7%
Administrators Involved in Retraining Activities	220	560	596	769	+29.0%
K-6 Teachers Involved in Retraining Activities	1,701	4,384	5,000	5,237	+ 4.7%
7-8 Teachers Involved in Retraining Activities	849	1,702	2,226	2,385	+ 7.1%
9-12 Teachers Involved in Retraining Activities	827	2,082	2,687	3,909	+45.5%

Administrators and secondary school teachers showed the greatest increase in career education retraining during FY 1975. Careful examination of the figures above shows that the greatest increases in retraining for the previous year were among counselors and 7-8 grade teachers. Evaluations of the retraining programs indicate that a high degree of success toward integrating career education into the curriculum was achieved.

	1972	1973	1974	1975	74-75 Variance
Total Professional Staff Involved in Retraining Activities Related to Career Education	3,751	9,085	11,044	13,081	+18.4%

The 13,081 professional staff members involved in retraining activities during FY 1975 represents more than 50 percent of the total (23,221) professional staff in the Arizona Career Education Project areas.

Special career education in-service teacher-education projects were funded at each of the three universities during FY 1975. The goals and major accomplishments were as follows:

ARIZONA STATE UNIVERSITY (Tempe)

Goal: To conduct a comprehensive program of in-service training for teachers in career education.

Major Accomplishments: Three hundred and seventy-four teachers were provided comprehensive in-service career education training out in the field. On campus, approximately 300 teacher-education students in eight courses were provided with career education presentations.

The original 40 career education units developed in FY 1973-74 were reorganized or replaced with new ones resulting in a new set of 20 units. In addition, the syllabi of career education courses were updated and refined through follow-up and evaluation.

NORTHERN ARIZONA UNIVERSITY (Flagstaff)

Goal: To provide in-service training opportunity for school administrators, supervisors, and teachers to acquire knowledge and skill relating to career education.

Major Accomplishments: Seven career education extension courses and five seminars involving 173 teachers were provided in the five northern counties (Coconino, Mohave, Apache, Navajo, and Yavapai). A 59 percent learning gain was attained by the participants as evaluated by pre- and post-tests.

The Career Education In-service Training Guide was field tested, evaluated, published, and distributed to each of the career education projects in the State.

UNIVERSITY OF ARIZONA (Tucson)

Goal: To develop a program at the University of Arizona's College of Education integrating career education into in-service teacher training.

Major Accomplishments: Six new College of Education course outlines were developed for integrating Career Education Outcomes into in-service teacher training. In addition, the six previously developed career education course outlines were pilot tested and implemented. The *Career Education Resource Center Implementation Guide for College/University Use* was also completed.

Through the combined efforts of the three University projects, 2,481 kindergarten through twelfth grade teachers were involved in workshops, conferences, courses, and seminars on career education. More than one hundred university faculty participated in reviewing, developing, and/or presenting the pre-service and in-service programs.

5. PROVIDING TEACHERS AND CURRICULUM FOR WORLD OF WORK

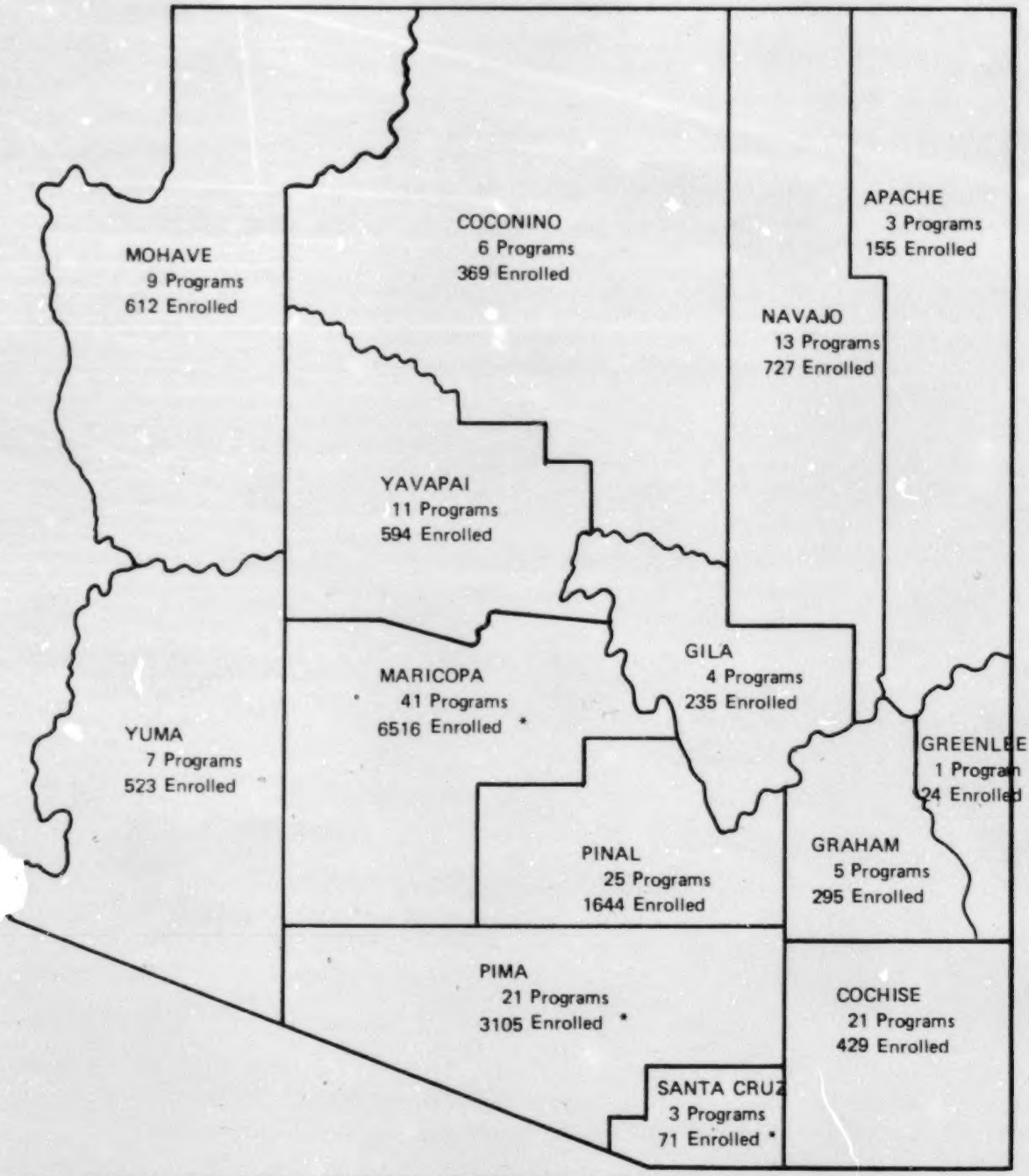
Progress toward implementing the purpose of this portion of the law is shown by the information provided below:

	1972	1973	1974	1975	74-75 Variance
Number of Elementary Schools in Career Education Project Areas	442	613	622	645	+ 3.7%
Number of Elementary Schools in Career Education Project Areas Actually Served	358	485	524	546	+ 4.2%
Total Professional Staff in Career Education Project Areas	17,536	22,722	22,625	22,659	+ .2%
Total Professional Staff Involved in Career Education Activities	5,098	14,039	16,985	17,118	+ .8%
Total Elementary School Enrollment in Career Education Project Areas	320,179	340,565	348,250	338,084	– 3.0%
K-6 Grade Students Involved in Career Education Activities in Classes	33,950	96,487	107,841	122,418	+13.5%
7-8 Grade Students Involved in Career Education Activities in Classes	18,308	44,735	60,218	70,325	+16.8%

In addition to the career education activities in regular classes described above, a total of 76 new career exploration programs was funded and implemented, providing for 5,768 students. These career exploration programs are designed to help students learn about broad fields of occupations in order that they may later make meaningful and informed occupational choices. Each program impacts upon one or more of the following occupational clusters: Agriculture, Business and Office, Communications, Construction, Consumer and Homemaking Related, Health, Manufacturing, and Transportation. Another 15 programs which had been funded in FY 1973 and 81 programs funded in FY 1974 were continued, providing career exploration for an additional 9,531 students. However, there are still over 500 schools without career exploration laboratories. The map on the following page shows the distribution of the current programs and enrollments by county.

CAREER EXPLORATION STUDENT ENROLLMENT

GRADES 7-12 FY 1975



*76 – FY '75 FUNDED PROGRAMS ENROLLED 5,768 STUDENTS DURING FY '75
81 – FY '74 FUNDED PROGRAMS ENROLLED 8,007 STUDENTS DURING FY '75
15 – FY '73 FUNDED PROGRAMS ENROLLED 1,524 STUDENTS DURING FY '75

172 CAREER EXPLORATION PROGRAMS ENROLLED 15,299 STUDENTS DURING FY '75

*Includes 1,299 students from 19 schools in three counties involved in a statewide field testing program of a Career Exploration Home Economics project.

6. PROVIDE ADDITIONAL TEACHER-COORDINATORS TO IMPLEMENT AND COORDINATE ON-THE-JOB WORK EXPERIENCE FOR ADDITIONAL STUDENTS, AND PROVIDE TRANSPORTATION IF NECESSARY

In FY 1975, there were 318 Cooperative Education, Work Experience, and Work Exposure Programs in Arizona. Career Education funds initiated 57 new Cooperative Education, 22 Work Experience and 7 Work Exposure programs, for a total of 86 programs; thereby providing an additional 3,327 students with the opportunity to participate in an "on-site" working experience.

The increased student enrollment supported by career education monies brought the total number of secondary students participating in work education experiences in FY 1975 to 13,018. This may be compared to the 10,490 students in FY 1974 for an increase of 2,508 students. In addition, there were 2,623 postsecondary students enrolled in work education programs in FY 1975.

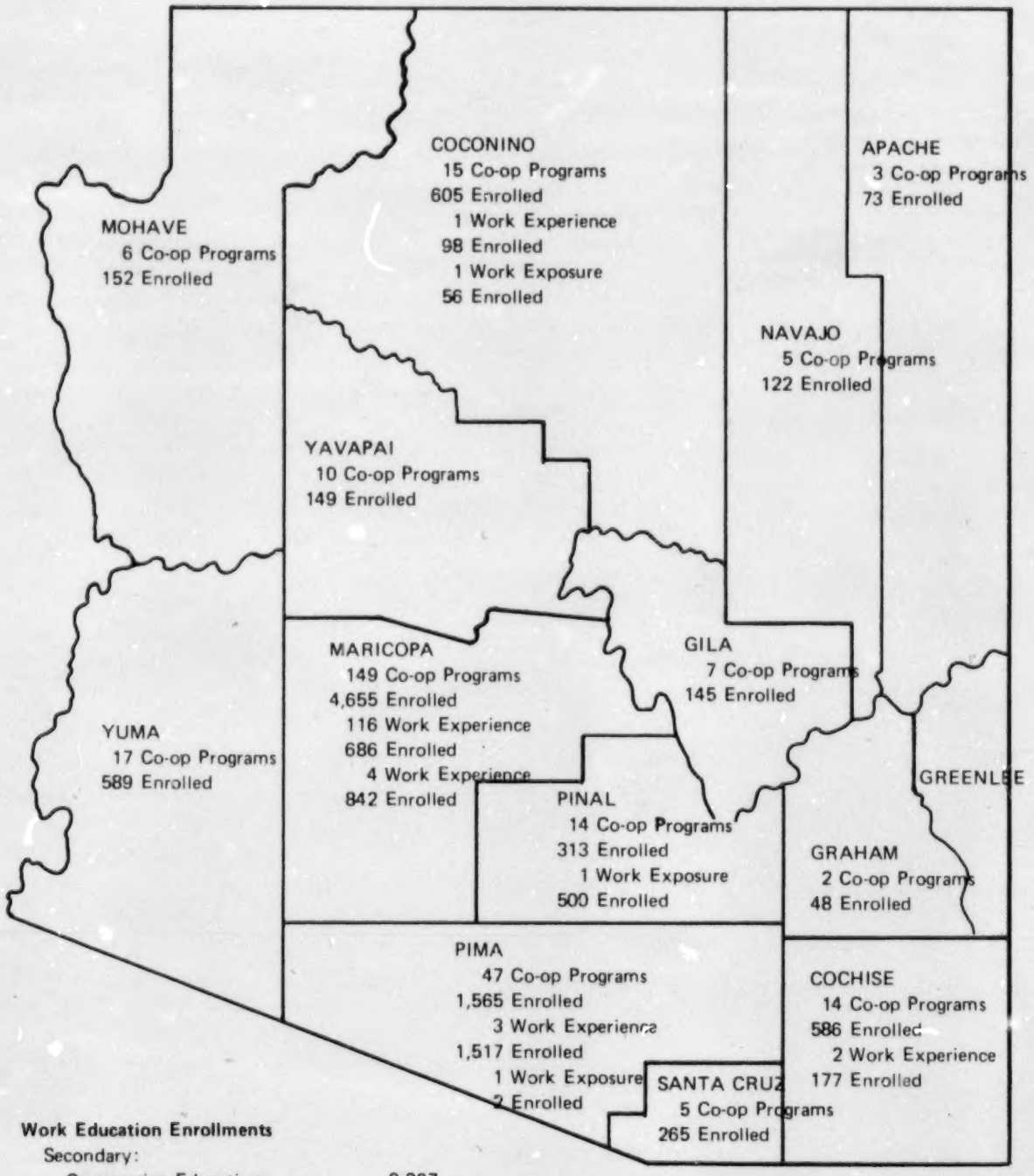
The map on the following page shows the Vocational and Career Education funded work education programs and enrollments during FY 1975 at the high school level.

WORK EDUCATION ENROLLMENTS	1974	1975	74-75 Variance
Secondary:			
Cooperative Education	9,007	9,267	+ 28.8%
Work Experience	378	2,301	+608.7%
Work Exposure	1,105	1,450	+ 31.2%
Postsecondary Work Education	1,260	2,623	+108.1%
TOTALS	11,750	15,641	+ 33.1%

Work education assists in preparing individuals for gainful employment through occupational experiences out of the school setting. The three levels of WORK EDUCATION are: work exposure, work experience, and cooperative education. *Work Exposure* allows students the opportunity to visit actual job sites to observe the World of Work. The length of time varies from several hours to several weeks. *Work Experience* calls for students in grades 9-12 to perform tasks on an actual job. The school assists in the supervision. A related school class is not required and the student may receive pay for tasks performed. This is usually a one-semester program where the student works from 5 to 12 hours per week. *Cooperative Education* serves students from grades 11-14 based on their career interests. It blends related classroom instruction, on-the-job training, and coordinated follow-up involving the home, school, and employer. Skills development, skills application, and/or internship characterize the cooperative education program.

FY 1975 FUNDED SECONDARY WORK EDUCATION PROGRAMS

Cooperative Education, Work Experience, Work Exposure



Work Education Enrollments

Secondary:	
Cooperative Education:	9,267
Work Experience:	2,301
Work Exposure:	1,450
Total Secondary Enrollment:	13,018

7. EMPLOY PERSONS TO COORDINATE APPRENTICESHIP-RELATED TRAINING FOR REGISTERED APPRENTICESHIP PROGRAMS

The continuing support and participation of labor and management representatives as career day speakers, contest judges, and technical consultants was particularly notable during FY 1975. Projects reported that 213 apprenticeship representatives were involved in project activities or advisory committees.

	1974	1975	74-75 Variance
Apprenticeship Labor/Management Representatives Involved in Project Activities or Advisory Committees	118	213	+80.5%

As a result of conferences with apprenticeship groups, a special Career Education Goal was developed and funded to improve the delivery of apprenticeship information to students. With the cooperation and endorsement of the Western Apprenticeship Coordinators Association, a special 21-minute slide-tape presentation was developed to explain the opportunities and requirements for construction trades in three languages: English, Spanish and Navajo. Complete sets of this outstanding media presentation were provided to all career education projects in the State. In addition, other projects were involved in obtaining, developing, and disseminating updated apprenticeship information and materials to teachers, counselors, and students.

The Department of Education provided liaison coordination and consultation for several industry-education-labor conferences, workshops, and meetings. The exchange of information between apprenticeship coordinators and the Vocational Education Advisory Council was also arranged.

During the year, more than 3,700 registered apprentices were engaged in learning skilled trades. Of there, approximately 3,100 earned credit for their technical-related instruction at Arizona Community colleges. Apprenticeship-related training curriculum materials were provided to apprenticeship coordinators, teachers, and committees. In addition, Pima College, apprenticeship groups, and the Department of Education launched a cooperative effort to upgrade and improve more than 90 apprentice classes.

At the request of apprenticeship committees, special workshops on instructional methods were provided to Ironworkers Apprenticeship instructors in Phoenix and Tucson. As a result, additional workshops on "Safety" have been requested.

To enhance the student's preparation for apprenticeship, individualized consultation and recommendations were provided in developing and improving 24 high school trade programs. Technical information and materials were obtained and distributed to construction trades teachers. The importance of utilizing apprenticeship representatives on trade advisory committees was repeatedly emphasized and gained further acceptance among both educators and apprenticeship officials during the year.

ARIZONA CAREER EDUCATION CLEARINGHOUSE

The Arizona Career Education Clearinghouse provides access to career education instructional units and research reports through printed materials produced by Arizona Career Education projects, other states, the U.S. Office of Education, and commercially-produced materials.

Following is a statistical summary of services and materials provided:

People Contacts and Clearinghouse Services Explained	846
New Materials Added to the Clearinghouse	524
Materials Disseminated:	
Single Page Information Copies	23,101
Hard Copies of Units	654
Materials Checked Out	130
Booklets, Pamphlets, Brochures, Guides, etc.:	
1. "Questions and Answers on Career Education"	2,168
2. "Why Career Education in Arizona"	2,374
3. "Career Education – What It Is"	2,596
4. "Career Education and You – The Teacher"	1,827
5. RCU Clearinghouse Brochure	4,433
6. "Career Education and Community Involvement"	1,834
7. "Bread and Butterflies" Curriculum Guide	1,064
8. "Bright Ideas" Activity Guide	472
Career Education Activity Kits	966
RCU Slide-Tapes	21
Training Manuals – In-service Workshop	80
Bilingual Construction/Apprenticeship Slide-Tapes	16
Career Education Matrix and Outcome	9,583
Miscellaneous Materials Distributed	1,993

All materials in the Clearinghouse were sorted as to their current relevancy for Career Education in Arizona today.

A "Bright Ideas" catalog was developed and updated which now contains more than 500 classroom activities.

Consultant services were available to all projects on-site, through Career Education Resource Forums, and through other means of communication.

PUBLIC INFORMATION REPORT

When the Arizona Legislature first passed a bill to implement Career Education concepts in Arizona's schools, it recognized the need for a coordinated program of dissemination and public information. One of the nine points in the original Career Education Bill identified public information as an important component of the total career education effort.

Although there are still many people who are unfamiliar with what career education is all about, the public is much more aware of its existence now than it was two, three, or four years ago. There are many reasons for the increased awareness and understanding of career education. A concerted effort has been made—by the Department of Education as well as by the various career education projects—to tell the public about career education and why it is beneficial to students. This informational campaign has taken many forms: newspaper publicity, brochures, television programs, 16mm films, slide-tape programs, public exhibits, appearances on radio/TV talk shows, speeches to organizations, posters, career fairs, and others.

The various career education projects have assumed a significant share of the responsibility for keeping the public aware and informed about career education. Last year, the total number of persons in the community reached through project presentation was over 23,000. Some 92,000 fliers and brochures were distributed by the projects throughout the State, and 466 articles were printed about career education activities in newspapers all over Arizona.

A new brochure, entitled "The State of Career Education," was developed toward the end of the fiscal year. This 16-page publication, intended for general distribution, provides an overview of what career education is and includes several examples of how its concepts are actually being implemented in the schools. Each of the 17 school-based career education projects is responsible for keeping its local community informed about career education efforts, and a statistical breakdown of the projects' public information activities is listed in the back section of this report.

HIGHLIGHTS OF EVALUATION ACCOMPLISHMENTS

Career Education Requests for Proposals

A comprehensive system was implemented for planning and funding career education proposals. This system provided:

1. A high degree of assurance that monies would be efficiently and effectively expended.
2. Necessary direction for projects needing assistance in proposal development.
3. Audit trails and monitoring timetables.
4. Less turnaround time to review, evaluate, and fund proposals.
5. Establishment of funding levels for priority goals and activities.
6. Greater opportunity for being held accountable to the legislature for all fiscal appropriations.
7. A mechanism for integrating career education with other high priority programs—Bilingual, Drugs and Alcohol, Right to Read, and Special Education.

Project Proposals

Each of the 20 career education projects developed comprehensive local plans for implementing its career education program. These plans followed a standardized format which assured both program and fiscal accountability.

Monitoring System

Each month, each career education project submitted a progress report documenting its accomplishments relative to each goal delineated in its project proposal. In addition, each project's assigned department project officer completed monitoring activities to determine if major milestones were being accomplished.

Student-Based Evaluation

In three career education projects, comprehensive student-based evaluations were completed. These evaluations were directed at providing the required information to execute key management decisions. The evaluations documented the degree to which the students were achieving the goals of career education and the comparative effectiveness of the various career education delivery activities. The evaluations involved approximately 6,000 students.

Project Evaluation Report

Standardized reports documenting the degree to which each project accomplished its objectives were developed.

Curriculum Unit Evaluation

A statewide evaluation of career education curriculum units was completed. This evaluation addressed the following considerations: (1) The degree to which the students were able to achieve the learning objectives; and (2) The merit of the unit as viewed from a student and teacher perspective. The evaluation involved approximately 16,000 students and 500 classroom teachers.

Senior Follow-Up Study

In two career education projects, a study was conducted to obtain graduating seniors' assessment of career education activities. The study involved approximately 600 students.

FISCAL YEAR 1975

ARIZONA CAREER EDUCATION

STATISTICAL DATA

BY PROJECT

ARIZONA CAREER EDUCATION PROJECTS – STATISTICAL INFORMATION
FY 1975

INVOLVEMENT BY SCHOOLS, PARENTS, AND APPRENTICESHIP REPRESENTATIVES IN CAREER EDUCATION

	Number of School Districts in the Project Area	Number of School Districts Actually Served by Project	Percent of Area Secondary Schools Served by Project	Percent of Area Elementary Schools Served by Project	Parent Involvement in Career Education Projects	Apprenticeship Involvement in Project Activities
Agua Fria	* (1)	* (3)	100.0	N/A	0	2
Apache/Navajo	26	26	100.0	100.0	400	12
Career Bound	5	5	100.0	21.9	3,419	8
Central Maricopa	13	13	100.0	100.0	130	25
Cochise	30	28	90.0	97.6	188	1
Coconino	14	12	100.0	90.9	425	0
DICE	10	8	100.0	41.9	196	13
Mesa	2	2	100.0	100.0	2,500	85
Mohave	15	12	75.0	94.7	2,500	0
Pima	22	17	100.0	68.1	4,250	15
Pinal	19	19	100.0	100.0	350	0
Roosevelt	** (1)	** (1)	N/A	100.0	550	15
Santa Cruz	7	5	100.0	90.9	200	0
Tri-County	32	26	100.0	83.3	360	0
WACOP	28	28	100.0	100.0	503	32
Yavapai	23	17	100.0	100.0	190	0
Yuma	16	14	100.0	92.9	245	5
TOTALS	262	232	97.7	84.7	16,406	213

* Included in WACOP and other data.

** Included in Central Maricopa data.

ARIZONA CAREER EDUCATION PROJECTS – STATISTICAL INFORMATION
FY 1975

INVOLVEMENT BY PROFESSIONAL STAFF IN CAREER EDUCATION

	TOTAL NUMBER OF PROFESSIONAL STAFF IN PROJECT AREA	PROFESSIONAL STAFF ACTUALLY INVOLVED IN PROJECT ACTIVITIES		PROFESSIONAL STAFF INVOLVEMENT IN RETRAINING ACTIVITIES				
		Number Involved	(% of Total)	Counselors	Administrators	Teachers K-6	Teachers 7-8	Teachers 9-12
Agua Fria	* (74)	35	47.3	2	0	N/A	N/A	3
Apache/Navajo	1,127	1,061	94.1	20	35	100	190	280
Career Bound	1,649	800	48.5	143	37	N/A	266	584
Central Maricopa	4,100	2,330	56.8	65	81	828	342	1,072
Cochise	940	656	69.8	10	0	60	15	10
Coconino	836	341	40.8	8	8	156	62	44
DICE	867	648	74.7	30	40	200	80	366
Mesa	1,315	1,315	100.0	17	153	723	445	181
Mohave	470	411	87.4	10	6	10	4	6
Pima	4,100	3,315	80.9	130	240	1,300	350	650
Pinal	1,106	970	87.7	14	56	483	147	271
Roosevelt	** (572)	572	100.0	0	36	399	98	N/A
Santa Cruz	226	203	89.8	8	0	63	24	26
Tri-County	850	721	84.8	2	1	46	9	39
WACOP	3,681	2,623	71.3	31	14	471	106	176
Yavapai	609	434	71.3	9	15	179	116	115
Yuma	783	683	87.2	11	47	219	131	86
TOTALS	22,659	17,118	75.5	510	769	5,237	2,385	3,909

* Included in WACOP and other data.

** Included in Central Maricopa data.

ARIZONA CAREER EDUCATION PROJECTS – STATISTICAL INFORMATION
FY 1975

DEVELOPMENT AND PURCHASE OF CAREER EDUCATION MATERIAL

	CAREER EDUCATION MATERIALS DEVELOPMENT					MATERIALS PURCHASED RELATING TO THE WORLD OF WORK		
	ACTIVITY PACKETS	INSTRUC. TIONAL UNITS	TEACHER INVOLVEMENT IN MATERIALS DEVELOPMENT Grades K-6	Grades 7-8	Grades 9-12	Number of Items	Type of Materials	Present Collection Size
Agua Fria	N/A	8	N/A	N/A	0	N/A	–	N/A
Apache/Navajo	100	19	50	90	140	800	Films, Games, Kits, etc.	3,000
Career Bound	163	0	N/A	34	17	1,475	Films, Games, Kits, etc.	2,402
Central Maricopa	10	0	7	–	25	150	Films, Games, Kits, etc.	635
Cochise	0	74	11	8	3	387	Films, Games, Kits, etc.	5,357
Coconino	22	17	15	7	34	487	Films, Games, Kits, etc.	558
DICE	40	0	83	22	118	–	Films, Games, Kits, etc.	–
Mesa	0	10	0	0	12	587	Films, Games, Kits, etc.	3,163
Mohave	5	12	7	3	4	553	Films, Games, Kits, etc.	2,600
Pima	0	0	945	255	230	400	Films, Games, Kits, etc.	7,000
Pinal	83	2	56	22	8	190	Films, Games, Kits, etc.	364
Roosevelt	40	41	103	23	N/A	1,558	Films, Games, Kits, etc.	1,733
Santa Cruz	33	2	27	7	21	357	Films, Games, Kits, etc.	6,073
Tri-County	0	0	19	2	4	241	Films, Games, Kits, etc.	1,540
WACOP	77	0	175	40	75	723	Films, Games, Kits, etc.	1,998
Yavapai	0	0	87	41	51	467	Films, Games, Kits, etc.	1,000
Yuma	0	0	0	0	0	143	Films, Games, Kits, etc.	657
TOTALS	573	185	1,585	554	742	8,518		38,080

ARIZONA CAREER EDUCATION PROJECTS – STATISTICAL INFORMATION
FY 1975

CAREER TESTING

	CAREER TESTING *OVER* AND *ABOVE* WHAT LOCAL DISTRICT WAS DOING			
	Grades K-6	Grades 7-8	Grades 9-12	TYPES OF TESTS ADMINISTERED
Agua Fria	N/A	N/A	0	N/A
Apache/Navajo	400	1,100	600	WHAT I LIKE TO DO, KUDER-E, STRONG, GATB, ASVAB, OVIS
Career Bound	N/A	597	7,367	KUDER-E, COPS, JOB-O
Central Maricopa	200	400	800	STUDENT DRAWINGS, KUDER-E, STRONG, CMCP, COPS, OVIS
Cochise	675	800	5,103	C.E. EVAL. SURVEY, KUDER-E, STUDENT INTEREST SURVEY, PIES
Coconino	0	305	0	DAT, KUDER-E, JOB-O
DICE	125	563	2,448	KUDER, VEG, PIES, GIS, GATB, OVIS, STRONG, ASVAB
Mesa	X	X	X	OVIS, GATB, etc.
Mohave	0	710	708	OVIS, GATB, CAREER PLANNING PROGRAM
Pima	685	1,620	3,775	WHAT I LIKE TO DO, PIES, KUDER-E, COPS, PCS, SOS
Pinal	0	3,100	100	KUDER-E, PROJECT DESIGNED PRE-POST TESTS
Roosevelt	2,170	1,790	N/A	OCCUPATIONAL AWARENESS, INTEREST INVENTORY, SELF-APPRAISAL, PIES
Santa Cruz	0	0	423	STRONG, SELF-DIRECTED SEARCH
Tri-County	2,836	2,456	2,171	WHAT I LIKE TO DO, OVIS, KUDER-E, DAT, HALL, etc.
WACOP	0	93	180	FINDING YOUR ORBIT, KUDER-E, WORLD OF WORK, etc.
Yavapai	527	45	55	PROJECT DEVELOPED OCCUPATIONAL AWARENESS, KUDER-E, etc.
Yuma	0	1,062	1,494	KUDER-E, APT, GORDON, OVIS, KUDER DD, DAT
TOTALS	7,618	14,641	25,224	

X NOTE: All Mesa Career testing was conducted without state funds.

ARIZONA CAREER EDUCATION PROJECTS – STATISTICAL INFORMATION
FY 1975

STUDENT INVOLVEMENT IN CAREER EDUCATION

	TOTAL HIGH SCHOOL ENROLLMENT IN THE PROJECT AREA	TOTAL ELEM. SCHOOL ENROLLMENT IN THE PROJECT AREA	STUDENTS INVOLVED IN FOUR OR MORE CAREER EDUCATION ACTIVITIES IN CLASSES			TEACHERS UTILIZING FOUR OR MORE CAREER EDUCATION ACTIVITIES IN EACH CLASS		
			Grades K-6	Grades 7-8	Grades 9-12	Grades K-6	Grades 7-8	Grades 9-12
Agua Fria	* (1,350)	N/A	N/A	N/A	*	N/A	N/A	*
Apache/Navajo	6,361	15,900	7,650	2,210	4,651	275	101	179
Career Bound	12,294	34,447	N/A	13,550	10,844	N/A	390	410
Central Maricopa	28,371	64,754	27,280	13,550	10,800	957	523	500
Cochise	5,334	13,322	4,213	3,950	4,088	189	110	175
Coconino	4,379	10,035	2,125	1,025	510	85	41	20
DICE	8,433	8,531	6,954	2,000	8,433	267	80	345
Mesa	12,316	14,991	1,872	2,388	1,098	149	91	78
Mohave	2,375	6,002	3,671	1,243	1,600	150	51	64
Pima	28,850	66,250	29,825	10,110	9,365	1,535	390	890
Pinal	5,071	15,743	4,800	2,750	1,550	240	70	50
Roosevelt	N/A	** (10,519)	6,189	1,849	N/A	314	92	N/A
Santa Cruz	1,309	3,881	1,309	817	1,163	86	14	30
Tri-County	4,970	13,335	7,425	2,525	3,925	297	101	157
WACOP	22,018	53,186	12,020	8,093	9,870	397	169	190
Yavapai	3,437	6,667	4,425	1,625	2,375	267	89	139
Yuma	4,965	11,040	2,660	2,640	2,670	76	24	33
TOTALS	150,483	338,084	122,418	70,325	72,942	5,264	2,336	3,260

* Included in WACOP data.
** Included in Central Maricopa data.

ARIZONA CAREER EDUCATION PROJECTS – STATISTICAL INFORMATION
FY 1975

CAREER OBSERVATION TOURS

	TOTAL	Agri-Business and Natural Resources	Business and Office Occupations	Communications and Media Occupations	Construction Occupations	Consumer and Homemaking Occupations	Environmental Control Occupations	Fine Arts and Humanities Occupations	Health Occupations	Hospitality and Recreation	Manufacturing Occupations	Marine Science Occupations	Marketing and Distribution	Personal Services Occupations	Public Service Occupations	Transportation Occupations	PROBLEMS ENCOUNTERED
Agua Fria	0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Apache/Navajo	169	13	19	5	31	7	3	1	16	3	2	0	10	18	21	20	None
Career Bound	274	20	22	22	11	28	9	17	40	6	8	3	5	40	31	12	None
Central Maricopa	293	11	44	14	20	36	7	21	14	3	40	5	13	0	53	12	None
Cochise	61	8	6	2	1	0	1	5	3	1	11	1	2	1	10	9	None
Coconino	125	3	18	9	11	15	12	4	11	4	3	3	10	7	9	6	None
DICE	538	71	48	34	25	38	36	51	21	29	28	6	18	37	69	27	Mines, Environ, & Marine Tours Limited
Mesa	540	91	19	51	4	8	36	95	10	21	31	4	39	3	89	39	None
Mohave	182	27	3	6	4	17	37	13	2	17	9	1	1	5	33	7	None
Pima	250	25	10	36	12	6	24	25	10	18	10	6	10	14	20	24	Manufacturing Tours Limited
Pinal	156	18	15	10	14	16	2	11	8	6	12	0	11	10	15	8	Mines and Marine Tours Limited
Roosevelt	1,033	193	50	44	6	10	23	180	69	109	29	5	86	4	168	57	Manufacturing & Bakery Tours Limited
Santa Cruz	55	2	3	2	2	5	1	10	5	6	4	2	3	0	9	1	None
Tri-County	308	21	26	10	13	20	1	18	22	31	6	0	52	39	41	8	None
WACOP	86	11	3	7	9	7	3	6	7	2	3	2	6	4	14	2	None
Yavapai	24	2	1	3	2	0	2	0	4	0	4	0	1	1	2	2	None
Yuma	25	6	5	1	0	1	4	1	0	3	0	0	1	1	1	1	None
TOTALS	4,119	522	292	256	165	214	201	458	242	259	200	38	268	184	585	235	

ARIZONA CAREER EDUCATION PROJECTS – STATISTICAL INFORMATION
FY 1975

STUDENTS PARTICIPATING IN CAREER OBSERVATION TOURS

	TOTAL	Agri-Business and Natural Resources	Business and Office Occupations	Communications and Media Occupations	Construction Occupations	Consumer and Homemaking Occupations	Environmental Control Occupations	Fine Arts and Humanities Occupations	Health Occupations	Hospitality and Recreation	Manufacturing Occupations	Marine Science Occupations	Marketing and Distribution	Personal Services Occupations	Public Services Occupations	Transportation Occupations
Agua Fria	0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Apache/Navajo	4,225	325	475	125	775	175	75	25	400	75	50	0	250	450	525	500
Career Bound	4,145	290	369	259	306	398	108	524	420	48	193	54	41	435	546	154
Central Maricopa	11,268	522	1,895	374	894	1,143	269	934	579	113	1,281	225	530	0	1,898	611
Cochise	2,095	285	169	42	28	0	28	111	120	28	414	98	60	30	358	324
Coconino	2,983	79	463	230	261	342	288	82	258	78	69	73	238	166	219	137
DICE	15,073	2,056	1,134	861	894	950	916	2,161	421	835	614	175	564	988	1,966	538
Mesa	30,974	6,397	700	1,426	244	334	2,179	6,880	330	1,164	1,400	120	2,402	89	5,444	1,865
Mohave	6,141	716	90	118	97	389	1,067	674	183	672	149	4	30	180	1,588	184
Pima	10,000	1,000	400	1,440	480	240	960	1,000	400	720	400	240	400	560	800	960
Pinal	5,210	300	300	200	300	310	50	100	150	150	120	0	200	100	330	2,600
Roosevelt	27,111	4,996	1,378	1,060	123	279	550	4,837	1,732	2,945	745	121	2,210	129	4,503	1,503
Santa Cruz	2,023	104	43	57	50	196	60	348	210	284	180	50	57	0	354	30
Tri-County	7,752	525	650	250	325	500	25	450	550	775	150	0	1,352	975	1,025	200
WACOP	8,699	942	360	483	560	463	440	950	660	350	370	350	448	416	1,557	350
Yavapai	434	25	12	66	25	0	35	0	80	0	44	0	30	12	45	60
Yuma	996	274	135	65	0	43	140	33	0	100	0	0	36	33	100	37
TOTALS	139,129	18,836	8,573	7,056	5,362	5,762	7,190	19,109	6,493	8,337	6,179	1,510	8,848	4,563	21,258	10,053

ARIZONA CAREER EDUCATION PROJECTS – STATISTICAL INFORMATION
FY 1975

CAREER SPEAKERS

	TOTAL	Agri-Business and Natural Resources	Business and Office Occupations	Communications and Media Occupations	Construction Occupations	Consumer and Homemaking Occupations	Environmental Control Occupations	Fine Arts and Humanities Occupations	Health Occupations	Hospitality and Recreation	Manufacturing Occupations	Marine Science Occupations	Marketing and Distribution	Personal Services Occupations	Public Services Occupations	Transportation Occupations
Agua Fria	42	1	5	1	1	1	1	0	5	1	1	1	1	2	18	3
Apache/Navajo	129	6	12	3	18	0	1	0	21	2	0	0	8	12	28	18
Career Bound	414	17	63	20	10	18	5	34	49	14	16	9	5	60	80	14
Central Maricopa	450	9	57	30	22	34	16	59	71	13	2	4	5	6	83	39
Cochise	197	11	12	15	13	10	14	16	14	16	19	0	8	8	28	13
Coconino	157	0	20	14	5	8	10	9	20	11	5	2	12	15	15	11
DICE	640	51	53	39	39	47	29	56	44	19	27	11	46	47	91	41
Mesa	171	17	8	12	6	4	26	19	5	6	2	1	2	13	41	9
Mohave	196	19	14	10	8	6	14	11	9	12	3	8	5	6	41	30
Pima	1,255	125	50	60	70	25	75	130	210	120	40	40	85	60	120	45
Pinal	152	14	8	4	4	20	6	6	10	4	12	0	20	8	11	25
Roosevelt	865	44	37	34	39	12	20	124	72	64	14	1	11	41	295	57
Santa Cruz	51	3	4	2	2	4	0	11	3	2	1	4	2	1	10	2
Tri-County	222	14	31	4	8	19	3	7	19	12	8	2	21	16	34	24
WACOP	669	49	52	62	24	33	21	69	85	48	28	12	41	20	94	31
Yavapai	28	7	1	5	1	0	1	2	1	0	1	0	1	3	3	2
Yuma	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TOTALS	5,638	367	427	315	270	241	242	553	638	344	179	95	273	318	992	364

ARIZONA CAREER EDUCATION PROJECTS – STATISTICAL INFORMATION
FY 1975

STUDENT AUDIENCES FOR CAREER SPEAKERS

	TOTAL	Agri-Business Natural Resources	Business and Office Occupations	Communications and Media Occupations	Construction Occupations	Consumer and Homemaking Occupations	Environmental Control Occupations	Fine Arts and Humanities Occupations	Health Occupations	Hospitality and Recreation	Manufacturing Occupations	Marine Science Occupations	Marketing and Distribution	Personal Services Occupations	Public Services Occupations	Transportation Occupations
Agua Fria	1,791	46	169	155	100	61	115	0	150	134	175	60	24	130	400	72
Apache/Navajo	3,225	150	300	75	450	0	25	0	525	50	0	0	200	300	700	450
Career Bound	40,225	1,978	5,960	729	866	1,080	363	4,368	4,286	648	2,791	2,254	551	6,345	7,056	950
Central Maricopa	27,734	442	2,685	1,394	1,338	2,286	779	5,177	4,212	730	80	173	219	191	6,048	1980
Cochise	4,860	364	439	284	435	329	404	460	503	380	437	0	104	110	356	255
Coconino	3,695	0	482	356	118	196	240	216	475	206	111	46	279	360	349	261
DICE	20,266	1,252	1,700	1,488	1,631	1,442	995	1,409	1,165	371	1,204	240	2,078	1,495	2,646	1,150
Mesa	12,924	1,892	250	776	400	178	1,541	4,480	266	374	74	12	47	414	1,943	277
Mohave	10,796	1,757	347	290	205	220	771	523	288	493	80	1,641	144	290	2,397	1,350
Pima	49,050	5,750	1,900	2,000	2,400	950	2,400	7,600	7,700	3,600	1,350	1,350	2,700	2,000	5,100	2,250
Pinal	13,973	1,168	1,250	644	626	858	708	640	659	385	870	0	1,235	860	920	3,150
Roosevelt	53,018	1,440	1,037	1,665	1,103	327	646	10,294	2,966	9,089	902	21	308	1,729	17,973	3,518
Santa Cruz	2,026	86	183	109	64	114	0	472	123	72	31	50	62	120	426	114
Tri-County	5,550	350	775	100	200	475	75	175	475	300	200	50	525	400	850	600
WACOP	60,419	5,569	3,760	4,387	2,634	1,886	1,245	6,135	6,614	8,286	3,015	821	2,964	2,455	7,750	2,898
Yavapai	1,966	300	20	306	55	0	178	180	30	0	110	0	34	162	233	358
Yuma	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TOTALS	311,518	22,544	21,257	14,758	12,625	10,402	10,485	42,129	30,437	25,118	11,430	6,718	11,474	17,361	55,147	19,633

ARIZONA CAREER EDUCATION PROJECTS – STATISTICAL INFORMATION
FY 1975

	WORK EDUCATION STUDENTS			CITIZENS ADVISORY COMMITTEES					
	NUMBER OF WORK EDUCATION STUDENTS FUNDED UNDER CAREER EDUCATION			CITIZENS ADVISORY COMMITTEE FOR CAREER EDUCATION					
	COOP EDUCATION	WORK EXPERIENCE	WORK EXPOSURE	TOTAL NUMBER MEMBERS	TOTAL NUMBER MEETINGS	NUMBER REPRESENTING PARENTS	NUMBER REPRESENTING LABOR	NUMBER REPRESENTING MANAGEMENT	NUMBER CAREER CLUSTERS
Agua Fria	N/A	N/A	N/A			(NOT ACTIVE THIS YEAR)			
Apache/Navajo	0	0	0	–	–	–	–	–	–
Career Bound	0	5	54	10	3	5	0	0	5
Central Maricopa	0	7	0	–	–	–	–	–	–
Cochise	0	0	0	–	–	–	–	–	–
Coconino	0	98	56	–	–	–	–	–	–
DICE	28	0	0	15	3	6	2	0	2
Mesa	N/A	23	382	13	4	0	5	8	8
Mohave	0	0	0	–	–	–	–	–	–
Pima	0	11	2	12	5	2	2	5	7
Pinal	0	0	450	–	–	–	–	–	–
Roosevelt	N/A	0	26	104	5	61	6	20	12
Santa Cruz	0	0	0	–	–	–	–	–	–
Tri-County	0	0	0	–	–	–	–	–	–
WACOP	0	0	430	45	10	2	4	5	6
Yavapai	0	0	0	58	20	10	11	13	14
Yuma	0	0	0	–	–	–	–	–	–
TOTALS	28	144	1,400	257	50	86	30	51	–

ARIZONA CAREER EDUCATION PROJECTS – STATISTICAL INFORMATION
FY 1975

PUBLIC INFORMATION

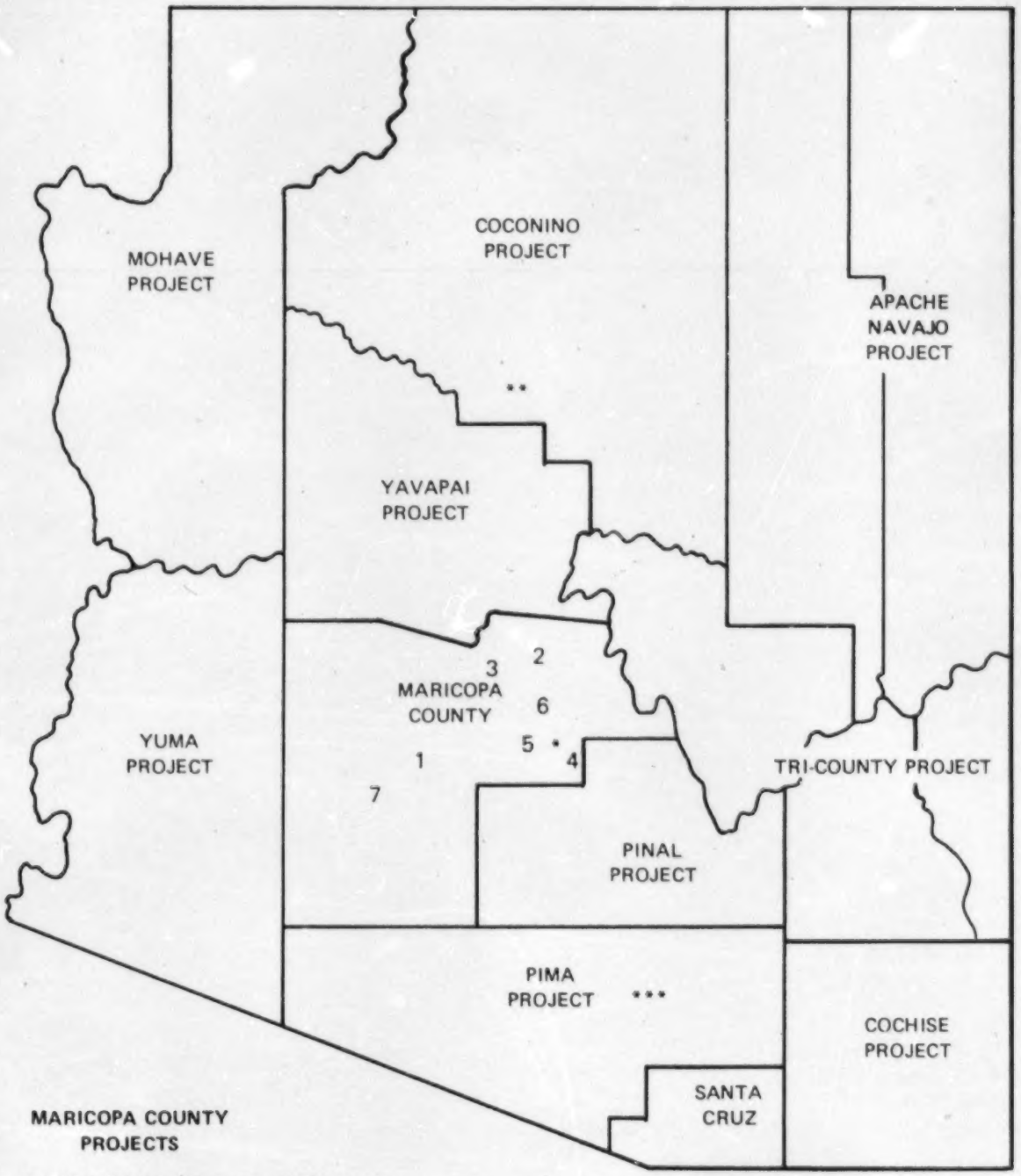
	TOTAL PERSONS REACHED BY PROJECT STAFF PRESENTATIONS	TELEVISION TIME OBTAINED FOR PROJECT (MINUTES)	RADIO TIME OBTAINED FOR PROJECT (MINUTES)	NEWSPAPER ARTICLES PRINTED		MAGAZINE ARTICLES PRINTED (NUMBER)	FLYERS AND BROCHURES DISTRIBUTED TO PUBLIC
				NUMBER ARTICLES	COLUMN INCHES		
Agua Fria	100	0	0	6	94.0	0	125
Apache/Navajo	400	0	5	2	48.0	0	10,000
Career Bound	8,202	48	2	106	453.0	0	8,110
Central Maricopa	2,500	75	30	1	3.0	0	500
Cochise	500	2,400	20	13	529.0	0	400
Coconino	610	120	150	3	41.0	0	550
DICE	1,619	1	0	31	626.0	0	7,958
Mesa	1,850	60	0	45	813.0	4	3,000
Mohave	2,450	0	300	55	635.0	0	1,750
Pima	1,850	12	75	35	740.0	2	5,400
Pinal	200	0	20	37	320.0	0	200
Roosevelt	1,176	50	18	43	934.5	0	4,792
Santa Cruz	154	0	175	12	350.0	0	9,000
Tri-County	320	0	120	24	380.0	0	30,000
WACOP	945	96	3	40	800.0	5	8,951
Yavapai	0	0	0	5	109.0	0	350
Yuma	380	15	15	8	231.0	0	916
TOTALS	23,256	2,877	933	466	7,106.5	11	92,002

ARIZONA CAREER EDUCATION PROJECTS – STATISTICAL INFORMATION
FY 1975

ARIZONA UNIVERSITY PROJECTS

	ARIZONA STATE UNIVERSITY	NORTHERN ARIZONA UNIVERSITY	UNIVERSITY OF ARIZONA	TOTALS	
Number of K-12 Teachers Involved in Project Activities	374	173	1,932	2,481	(Teachers)
Number of University Faculty Involved in Project Activities	4	2	109	115	(University Faculty)
Number of Professional Staff (Other than Faculty) Involved	1	12	0	13	(Other Professions)
Number of Career Education Materials (Films, etc.) Purchased	177	0	0	177	(C. E. Materials)
Number of Other C. E. Items Purchased	54	0	0	54	(Other C. E. Materials)
Present Career Education Materials Collection Size	311	0	0	311	(C. E. Collection Size)
Number of People Using the Career Education Materials	721	0	0	721	(People Use Materials)
Model In-service Programs Developed by the Project	Career Ed. Units	In-service Training Guides	Career Ed. Resource Guides	–	–
Number of Lay People Reached Through Presentations by Staff	4	180	2,244	2,428	(Lay People)

ARIZONA CAREER EDUCATION PROJECTS FY 1975



MARICOPA COUNTY PROJECTS

1. AGUA FRIA – Operation Guidance
2. CAREER BOUND – Scottsdale/Paradise Valley/Cave Creek
3. CENTRAL MARICOPA CAREERS
4. DICE – Demonstration in Career Education
5. MESA CENTER FOR CAREER DEVELOPMENT
6. ROOSEVELT COMPREHENSIVE CAREER EDUCATION
7. WACOP – Westside Area Career Education Project

UNIVERSITY PROJECTS

* ARIZONA STATE UNIVERSITY
** NORTHERN ARIZONA UNIVERSITY
*** UNIVERSITY OF ARIZONA

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